

Total Ingredients

CERTIFICATE OF ANALYSIS ORGANIC BEETROOT EXTRACT 6% NITRATE BY UV

Product	Organic Beetroot Extract 6% Nitrate by UV		
Product Code	THXO1380		
Batch No	THLXO/BET/050/23		
Date of Manufacturing	August 2023		
Re- Analysis Date	July 2026		
Quantity	250 Kg		
Botanical name	<i>Beta vulgaris</i>		
Extraction Solvent	Ethanol		
Plant part	Root		
Country of Origin	India		
Parameter	Specification	Result	Method/Protocols
Physical			
Description	Reddish pink color powder with characteristic taste and odor	Complies	Physical
Identification	To Comply by TLC	Complies	By TLC
Moisture	Not more than 5.0% w/w	Complies	USP<921>
Particle size 60 #	Not less than 90%	Complies	USP<786>
Solubility	Soluble in water	Complies	USP<1236>
Tapped bulk density	Between 0.30 g/ml and 0.90 g/ml	Complies	USP<616>
Others			
Lead	Not more than 0.5 PPM	Complies	ICP-MS
Cadmium	Not more than 0.5 PPM	Complies	ICP-MS
Arsenic	Not more than 1.0 PPM	Complies	ICP-MS
Mercury	Not more than 0.1 PPM	Complies	ICP-MS
Chemical			
Assay- Content of Total Nitrate	NLT 6.0%	Complies	By UV
Pesticides			
Pesticides	As per USDA NOP Standards	Complies	AOAC 2007.01
Residual Solvent			
Ethanol	NMT 5000ppm	Complies	USP<467>
Microbiological Profile			
Total plate count	Not more than 5,000cfu/g	Complies	USP<61>
Yeast and mould count	Not more than 100cfu/g	Complies	USP<61>
<i>Escherichia coli</i>	Absent / 10g	Absent	USP <62>
<i>Salmonella</i>	Absent / 10g	Absent	USP <62>
<i>Coliforms</i>	Absent / 10g	Absent	USP <62>
<i>Staphylococcus aureus</i>	Absent / 10g	Absent	USP <62>
<i>Pseudomonas aeruginosa</i>	Absent / 10g	Absent	USP <62>
Since the product is derived from natural origin, there is likely to be minor color variation because of the geographical and seasonal variations of the raw material			
REMARKS: COMPLIES WITH IN-HOUSE SPECIFICATIONS			

Declaration: -

GMO Status: - Free from GMO
Irradiation status: Non – Irradiated

Allergen Statement: -Free from allergen
Storage condition -At room temperature

Prepared by
Executive – QC

Approved by
Head-QC/QA

*The product is manufactured by Pure TruHerb Pvt. Ltd.